For the
APS
East End Substation
17490 N. 91st Street
Scottsdale, AZ

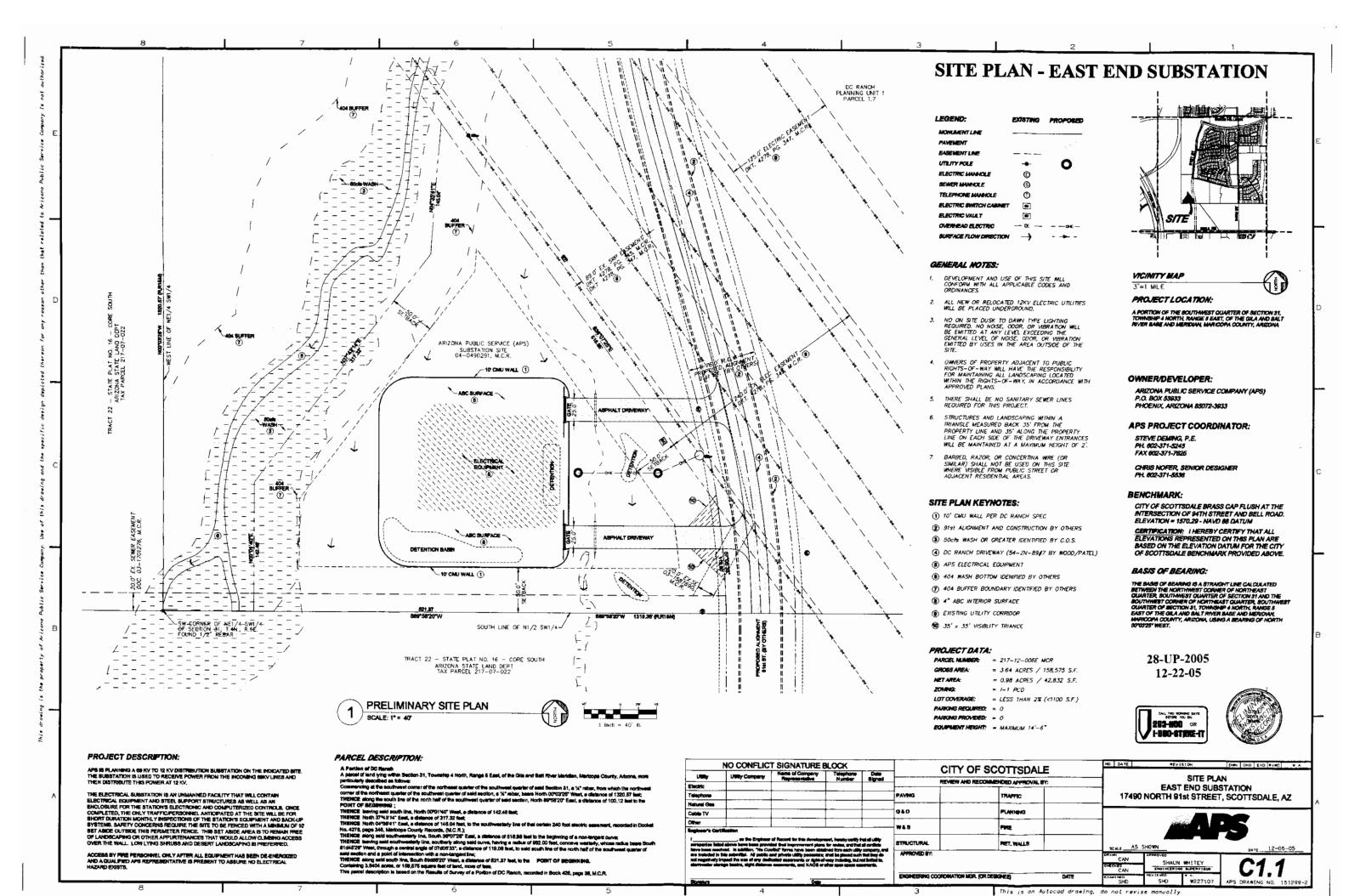
Zoning-I-1 Parcel Size-3.64 Acres No Buildings are planned Setbacks are a minimum of 50' on all sides No Parking is planned or required

APS is planning a 69 KV to 12 KV Distribution Substation on the indicated site. The substation is used to receive power from the incoming 69 KV lines and then distribute this power at 12 KV to the surrounding areas. The electrical substation is an unmanned facility that will contain electrical equipment and steel support structures as well as an enclosure for the station's electronic and computerized controls. Once completed, the only traffic/personnel anticipated at the site will be for monthly inspection of the station's equipment and back-up systems.

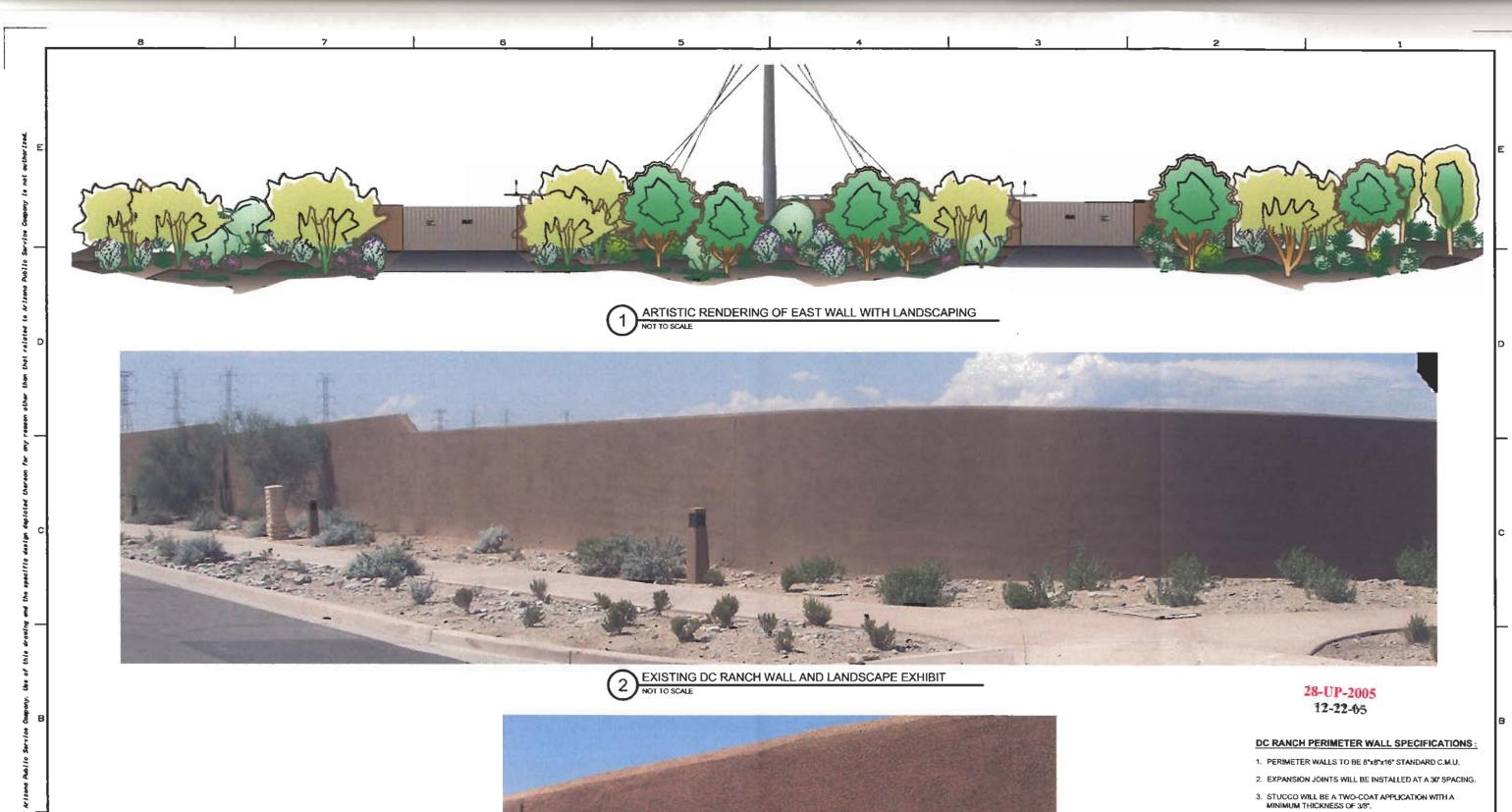
Safety concerns require the site to be walled in with a minimum of 10' horizontal set aside outside this perimeter wall. This set aside area will have low-lying shrubs and desert landscaping is preferred. The remaining area of the site will be landscaped in accordance with City of Scottsdale requirements. APS safety and security standards require a 10-foot high wall. APS will use architectural wall details for color and texture. We are proposing the use of DC Ranch wall details that meld the proposed development to that development to the North and East of our site.

There will be access by fire personnel only after all equipment has been deenergized and a qualified APS representative is present. This Procedure may be worked further with the governing Fire Department. The Site is designed to contain all potential oil leaks without flow outside the perimeter walls.

The current site is vacant and is being used as a plant salvage Nursery for the DC Ranch Development. The surrounding area is undeveloped. DC Ranch is providing an access road from Palo Brea Bend South along the planned 91st Street Alignment. The site is adjacent to the existing Overhead Extra High Voltage Power corridor. The overall storm water drainage is part of the DC Ranch drainage plan. Onsite storm water will be detained as required. The substation has no occupied buildings and the 100 year storm level is not a concern for operation.







4. THE COLOR AND THE TEXTURE ARE TO MATCH THE EXISTING WALLS AT DC RANCH.

ARTISTIC RENDERING OF WALL AND MATERIALS EAST END SUBSTATION 17490 NORTH 91st STREET, SCOTTSDALE, AZ



USE PERMIT APPLICATION 3 SHD ¥227107 APS DRAWING NO. 501299-3

DC RANCH STUCCO WALL TEXTURE AND COLOR